

# GQM1875G2E8R2WB12#

“#” at the end indicates the package specification code.



< List of part numbers with package codes >  
GQM1875G2E8R2WB12D

## Applications

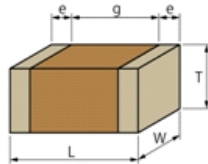
|                         |  |
|-------------------------|--|
| Unsuitable Applications | Please be sure to read and comply with these "Precautions for use."  |
| Specific Applications   | Consumer equipment, Industrial Equipment, Mobile Electronics, Medical equipment [GHTE A/B/C] except for implant equipment, Automotive infotainment/comfort equipment<br>Please refer to Our Website and specifications, etc. for information about the performance, functions, quality, management, and safety required for the above applications, and use Products after confirming the performance and reliability of the actual Product. |

## References

| Packaging | Specifications         | Standard Packing Quantity |
|-----------|------------------------|---------------------------|
| D         | φ180mm Reel Paper Tape | 4000                      |

| Mass (typ.) |       |
|-------------|-------|
| 1 piece     | 6.3mg |

## Appearance & Shape



### Attention

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- This datasheet has only typical specifications because there is no space for detailed specifications.  
Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

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## Specifications

|  |                |
|--|----------------|
| Length   | 1.6±0.15mm     |
| Width  | 0.8±0.15mm     |
| Thickness  | 0.7±0.1mm      |
| Capacitance                                      | 8.2pF ±0.05pF  |
| Distance between external terminals g            | 0.5mm min.     |
| External terminal size e                         | 0.2 to 0.5mm   |
| Operating Temperature Range                      | -55°C to 150°C |
| Rated Voltage                                    | 250Vdc         |
| Size code in inch(mm)                            | 0603 (1608M)   |
| TC   | 0±30ppm/°C     |
| Temperature characteristics (complied standard)  | X8G(Murata)    |
| Temperature range of temperature characteristics | 25°C to 150°C  |

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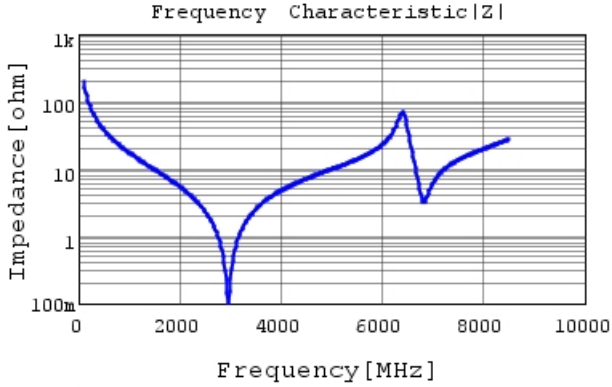
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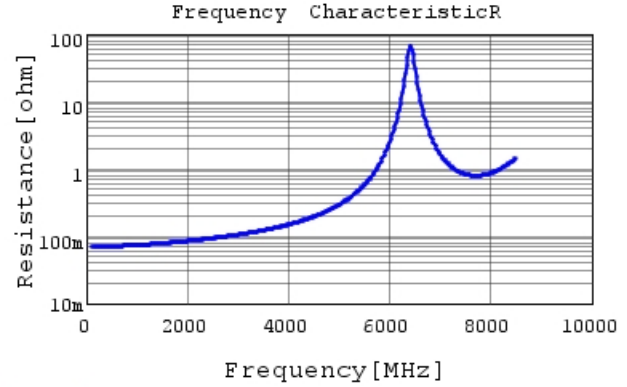


## Characteristic Data

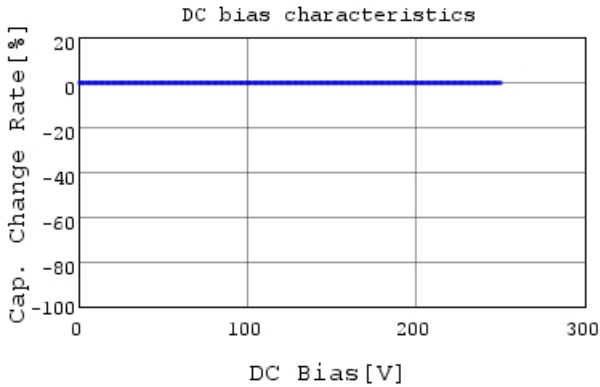
The charts below may show another part number which shares its characteristics.



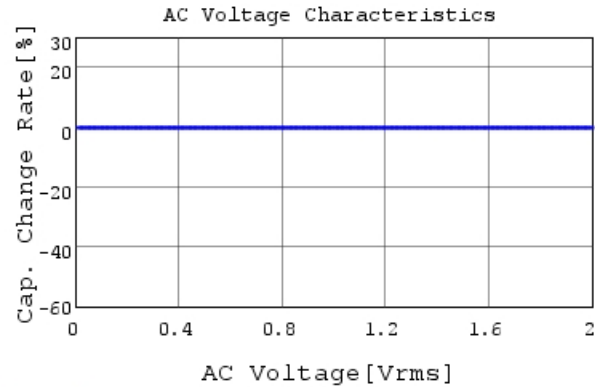
GQM1875G2E8R2WB12 |Z| DCOV, 25degC



GQM1875G2E8R2WB12 R DCOV, 25degC



GQM1875G2E8R2WB12 C-DC bias capchange, 25.0c



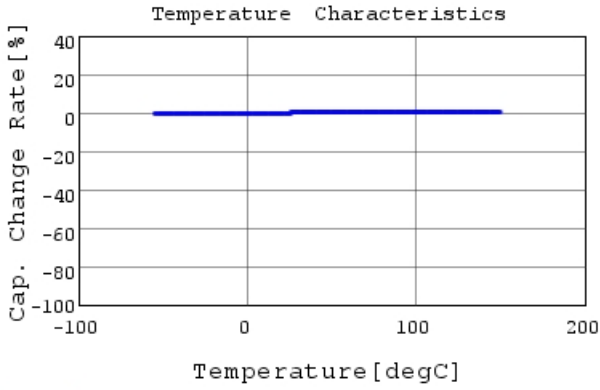
GQM1875G2E8R2WB12 C-AC Voltage capchange, Dc

**Attention**

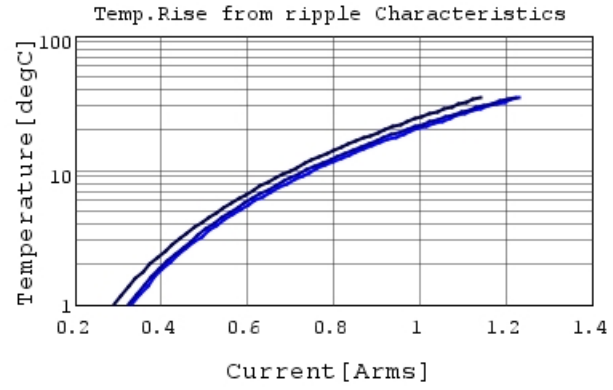
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GQM1875G2E8R2WB12 C-Temp. capchange, DCOV, 1



GQM1875G2E8R2WB12 Temp.rise 700MHz

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